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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named  
Inventor :

Benjamin Y.H. Liu et al.

Appln. No : 09/679,936

Filed : October 5, 2000

For : METHOD AND APPARATUS FOR CASCADE  
IMPACTOR TESTING OF INHALABLE  
DRUG THERAPIES RECOVERY FOR  
CHEMICAL ANALYSIS

Patent No.: 6,723,568 <sup>bl</sup>

Issued : April 20, 2004

Docket No.: M419.12-0021

Group Art Unit: 1743

Examiner: Samuel P. Siepke

Confirmation No: 7889

REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Certificate  
JUL 30 2004  
of Correction

I HEREBY CERTIFY THAT THIS PAPER  
IS BEING SENT BY U.S. MAIL, FIRST  
CLASS, TO THE COMMISSIONER FOR  
PATENTS, P.O. BOX 1450,  
ALEXANDRIA, VA 22313-1450, THIS  
23 DAY OF July, 2004.

PATENT ATTORNEY

Sir:

In conformity with 37 C.F.R. § 1.323, Applicants hereby request a Certificate of Correction in connection with the above-identified patent.

Form PTO-1050 entitled CERTIFICATE OF CORRECTION setting out the printer's errors has been completed and is enclosed. It is respectfully requested that the enclosed Certificate be approved and signed by an Attesting Officer, and that a copy be returned to applicant's attorney for attachment to the original Certificate of Letters Patent.

Enclosed is PTO Form 2038 in the amount of \$100.00 since the errors requested to be corrected were Applicant's errors.

In the last Amendment in this case filed October 30, 2003, previously presented claim 3 was repeated as "previously presented claim 4", and, in fact, claim 4 was not included in the last Amendment. Original claim 4 was unchanged, and should have been included as such in the last Amendment.

A copy of the page of the Amendment filed October 20, 2003 showing that claims 3 and 4 from that Amendment are identical is attached as Exhibit A. Claim 4 was never amended, and should have been included as an original claim. A copy of original claim 4 is attached as Exhibit B.

This clerical error is of a minor nature, since claim 4 is a dependent claim, was an original claim, and is clearly allowable. Therefore, it is respectfully believed that a Certificate of Correction is in order.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,

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NEW:lah

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(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,723,568 *Bi*

DATED : April 20, 2004

INVENTOR(S) : Liu et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please cancel Claim 4 (Col. 19, lines 60-62), and substitute the following:

--4. The method of claim 3, including washing the plurality of impaction surfaces simultaneously in a support.--

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PATENT NO. 6,723,568 *Bi*

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AUG 02 2004



AMENDMENT TO THE CLAIMS

1. (Currently Amended) A process for obtaining samples for ~~analyzation~~ analysis from a cascade impactor comprising providing a plurality of impactor components having impactation surfaces carrying particles that have been classified, supporting the plurality of impactor components on a support, such that the impactor surfaces of the plurality of impactor components are separated and enclosed to form separate enclosures, injecting a solvent solution into each of the plurality of enclosures containing an impactation surface, ~~carrying particles~~ agitating the solvent applied on each separated and enclosed surface by moving the support so that the plurality of the separated impactation surfaces are agitated simultaneously, and removing a desired amount of liquid for a sample from each separate enclosure.

2. (Currently Amended) The method of claim 1, including transferring the samples to vials for an ~~analyzation~~ instrument used to analyze the samples.

3. (Previously Presented) The method of claim 1, including agitating the solvent in all of the separate enclosures by rocking the support for the plurality of impactor components.

4. (Previously Presented) The method of claim 1, including agitating the solvent in all of the separate enclosures by rocking the support for the plurality of impactor components.

5-8 (Canceled)

9. (Previously Presented) A method of obtaining samples from a plurality of separated impactation surfaces on which classified particles have been deposited, comprising supporting a plurality



WHAT IS CLAIMED IS:

1. A process for obtaining samples of analyzation from a cascade impactor comprising providing a plurality of impactor components having impaction surfaces carrying particles that have been classified, supporting the plurality of impactor components in a support, such that the impactor surfaces are enclosed, injecting a solvent solution into each of the enclosures containing an impactor surface, agitating the solvent applied by moving the support so that a plurality of the impactor surfaces are agitated simultaneously, and removing a desired amount of liquid for a sample from each enclosure.
2. The method of claim 1, including transferring the samples to vials for an analyzation instrument.
3. The method of claim 1, including agitating the solvent by rocking the support for the plurality of impactor surfaces.
4. The method of claim 3, including washing the plurality of impaction surfaces simultaneously in a support.
5. The method of claim 4, including drying the plurality of impaction surfaces simultaneously with a flow of gas.
6. A method of cleaning a plurality of impactor components having impaction surfaces which are

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